WHAT IS CLAIMED IS:

1. A photosensitive resin plate comprising a support having formed thereon directly or via an adhesive layer a photosensitive layer of from 0.45 to 0.8 mm in thickness comprising a negative working photosensitive resin composition consisting essentially of (A) a film-forming polymer, (B) an unsaturated compound having a radical polymerizable ethylenic double bond, (C) a photopolymerization initiator, (D) a thermal polymerization inhibitor, and (E) at least one member selected from compounds represented by following formula (I):

$$R^1\text{-}X \qquad (I)$$

wherein -X represents $-OR^2$, $-COOH$, $-SO_3H$, $-CONHR^2$, $-COR^2$, $-SO_2NHR^2$, $-HNCONHR^2$, or $-HNCOOR^2$; R^1 and R^2, which may be the same or different, each represents a hydrogen atom, a substituted or unsubstituted, saturated or unsaturated hydrocarbon group, provided that it does not contain a radical polymerizable ethylenic double bond, a substituted or unsubstituted alicyclic hydrocarbon group, a substituted or unsubstituted aromatic hydrocarbon group, or a heterocyclic group, wherein said hydrocarbon group, alicyclic hydrocarbon group, aromatic hydrocarbon group, or the heterocyclic group may have an ether bond in the chain, provided that when -X is -OH, the R^1 represents a group other than a hydrogen atom and an aromatic hydrocarbon group, in a range of from 0.001 to 0.3% by weight based on the weight of the photosensitive resin composition components (A) to (E).

2. The photosensitive resin plate as claimed in claim 1, wherein the compound represented by the formula (I) has a boiling point of at least 95°C.

3. The photosensitive resin plate as claimed in claim 1, wherein the component (A) is at least one member selected from water-soluble polymers, alkali-soluble polymers, and alcohol-soluble polymers.

4. A photosensitive resin plate having formed thereon photocured images obtained by selectively exposing the photosensitive layer on the photosensitive resin plate as claimed in claim 1 through a mask pattern, developing, and forming the photocured images by removing the unexposed areas.